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ATTORNEY DOCKET NO. 21085.0044U3
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)
Schwiebert et al.) Art Unit: Unassigned
Application No. 10/542,555) Examiner: Unassigned
Filing Date: January 20, 2004) Confirmation No. 7032
For: METHODS AND COMPOSITIONS FOR)
P2X RECEPTOR CALCIUM ENTRY)
CHANNELS AND OTHER CALCIUM)
ENTRY MECHANISMS)

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
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NEEDLE & ROSENBERG, P.C.
Customer Number 23859

Sir:

Pursuant to the requirements of 37 C.F.R. § 1.56, submitted herewith on the accompanying Information Disclosure Statement List is a listing of documents known to Applicants and/or their attorneys. In accordance with 37 C.F.R. § 1.98(a)(2), copies of any cited U.S. patent or U.S. patent application publication documents are not enclosed. Copies of any cited foreign patent document and/or any non-patent publication are enclosed.

This Information Disclosure Statement is believed to be filed in a timely manner pursuant to 37 C.F.R. § 1.97(b)(3), in that a first Office Action on the merits of the present patent application has not yet been mailed to Applicants.

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Consideration of the cited documents and making the same of record in the prosecution of the above-referenced application are respectfully requested.

No fee is believed due; however, the Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-0629.

Respectfully submitted,

NEEDLE & ROSENBERG, P.C.

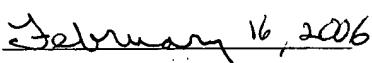

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CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

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Tina W. McKeon


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Application No. 10/542,555

Sheet 1 of 3

INFORMATION DISCLOSURE STATEMENT LIST

(Use as many sheets as necessary)

Complete if Known	
Application Number	10/542,555
Filing Date	January 20, 2004
First Named Inventor	Schwiebert et al.
Group Art Unit	Unassigned
Examiner Name	Unassigned

U.S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	Document No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
	A1	U.S. Patent 6,514,709	02/04/03	Grant			3/13/01
	A2	U.S. Patent 5,840,278	11/24/98	Coleman			2/20/97
	A3	U.S. Patent 5,834,032	11/10/98	Song			8/11/97

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Date	Name	Translation	Yes/No

NON-PATENT DOCUMENTS

Examiner's Initials	Cite No.	Non-Patent Citations (include Author, Title, Publisher, Relevant Pages, Date and Place of Publication)
	A4	Ackerman and Clapham, Ion channels--basic science and clinical disease. <i>N. Engl. J. Med.</i> 336:1575-1586 (1997)
	A5	Amuzescu et al. Zinc is a voltage-dependent blocker of native and heterologously expressed epithelial Na^+ channels. <i>Pflugers Arch.</i> 446:69-77 (2003)
	A6	Barg S. Mechanisms of exocytosis in insulin-secreting B-cells and glucagon-secreting A-cells. <i>Pharmacol. Toxicol.</i> 92: 3-13 (2003)
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	A12	Fuller and Benos, $Ca(2+)$ -Activated $Cl(-)$ Channels: A Newly Emerging Anion Transport Family. <i>News Physiol. Sci.</i> 15:165-171 (2000)
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	A17	Krebs et al. Abnormalities in zinc homeostasis in young infants with cystic fibrosis. <i>Pediatr. Res.</i> 48(2):256-261 (2000)

Examiner Signature:

Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE
STATEMENT LIST**

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Filing Date	January 20, 2004
First Named Inventor	Schwiebert et al.
Group Art Unit	Unassigned
Examiner Name	Unassigned

A18	Leisring et al. Capacitative calcium entry deficits and elevated luminal calcium content in mutant presenilin-1 knockin mice. <i>J. Cell Biol.</i> 149(4):793-797 (2000)
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A39	Wilson PD. Epithelial cell polarity and disease. <i>Am. J. Physiol.</i> 272(4 Pt 2):F434-F442 (1997)		
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A42	Zsembery et al. Extracellular zinc and ATP restore chloride secretion across cystic fibrosis airway epithelia by triggering calcium entry. <i>J Biol Chem.</i> 2004 Mar 12;279(11):10720-9. Epub 2003 Dec 29.		
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A45	http://homepage.psy.utexas.edu/HomePage/Class/Psy308/Humm/lectures/05-7Neurotransmitters&Drugs		

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